

**Notice of Allowability**

Application No.

10/758,380

Examiner

Ingrid Wright

Applicant(s)

YIN ET AL.

Art Unit

2835

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/5/07.
2. ☒ The allowed claim(s) is/are 7, 11, 22, 30 and 35-50.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**DETAILED ACTION**

***Allowable Subject Matter***

1. Claims 7,11,22,30,35-50 are allowed.
2. The following is an examiner's statement of reasons for allowance: the allowability resides in the overall structure of the device as recited by independent claims 7 & 11,22,30,35,39,42,43 & 47, and at least in part, because claim 7 recites: "multifunctional device comprising a still image camera, video camera, video recorder, a digital camcorder, a television and a radio," claim 11 recites: "the multi-functional device has a side that is accessible externally of the computer in accordance with at least part of the first set of functions, interface elements exposed on the externally accessible side for controlling functions of the multi-functional device when inserted into the internal device bay and when the multi-functional device is removed from the internal device bay and the interface elements comprise at least one of a volume control dial, a headphone jack and a tuner knob," claim 22 recites: "at least one of still image capturing device, a video image capturing device, a television and a radio," claim 30 recites: "wherein the multi-functional device comprises at least one device for capturing digital still images, digital video, a television and a radio," claim 35 recites: "the camera has second set of functions when removed from the internal device bay, the second set of functions includes capturing image content through the camera lens," claim 39 & 42 recites: "the video device has a second set of functions when removed from the internal device bay, the second set of functions includes playing video content through the display screen of the video device," and claim and claim 43 recites: "the camera operates in a second functional capacity when removed from the personal electronic system, the second set of functions includes capturing image content through the camera lens," and claim 47 recites: "the second set of functions includes playing the video content through the display of the video device." The aforementioned limitations in combination with all remaining limitations of claims

Art Unit: 2835

7,11,22,30,35,39,42,42 & 47 are believed to render the claims 7,11,22,30,35,39,42,42 & 47 and all claims dependent thereupon, patentable over the art of record.

**US 5689654 to Kikinis et al.** is considered a close reference to the instant application. Kikinis et al. disclosed a multi-functional device (10) (e.g. a PDA) and a device bay (105), but is silent as to a volume control dial, a headphone jack and a tuner knob exposed externally to a device bay and the device (10) comprising a still image camera, video camera, video recorder, digital camcorder, a television and a radio and

**US 7054965 B2 to Bell et al.** is considered a close reference to the instant application. Bell et al. disclosed a multi-functional device a video device (402a,402d), an internal bay (show on fig. 8B, (834) and discussed input modules including a camera (col. 9, lines 6-9 of Bell et al.) and a tape player (col. 6, lines 5-19 of Bell et al.), but is silent as to a volume control dial, a headphone jack and a tuner knob externally exposed on the multifunctional device and the multi-functional device comprising a still image capturing device, a video image capturing device, a television and a radio, and the ability of the multi-functional device (402a,402d) to operate as camera, when removed from the internal bay.

**US 6914594 B2 to Chuang** is considered a close reference to the instant application. Chuang disclosed a multi-functional device (42,52) including an image input module (52) (e.g. functions as camera) and RF module (42), but is silent as to a volume control dial, a headphone jack and a tuner knob exposed externally to a device bay the multi-functional device comprising a still image camera, video camera, video recorder, digital camcorder and a television, and the ability of the multi-functional device (42,52) to operate as camera, when removed from an internal bay.

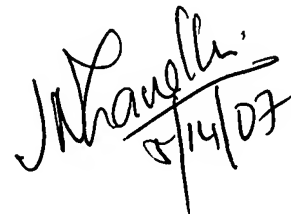
None of the cited references, either alone or in combination, is believed to render the present invention unpatentable as claimed.

Art Unit: 2835

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ingrid Wright whose telephone number is (571)272-8392. The examiner can normally be reached on M-F. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jayprakash Gandhi can be reached on (571)272-2800, ext 35. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

IDW



JAYPRAKASH GANDHI  
SUPERVISORY PATENT EXAMINER